

Converting Colors

CIELCh(68, 64.974, 334.341)

Have a look what the booklet for
CIELCh(68, 64.974, 334.341)
contains.

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Color

CIELCh(68, 64.819, 334.142)

Conversions

Conversions Part 1

Format	Color
Hex	F37ADA
RGB	243, 122, 218
RGB Percent	95%, 48%, 85%
CMY	0.0476, 0.5221, 0.1456
CMYK	0.00, 0.50, 0.10, 0.05
HSL	312°, 83%, 72%
HSV	312°, 50%, 95%
XYZ	56.4951, 37.9720, 70.5904
YIQ	169.1230, 41.3000, 55.5080

Conversions

Conversions Part 2

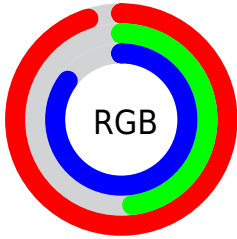
Format	Color
R _Y B	243, 122, 218
Decimal	15956698
CIE Lab	68.00, 58.33, -28.27
CIE LCh	68, 64.819, 334.142
Yxy	37.9720, 0.3423, 0.2301
Android (android.graphics.Color)	4294146778 (0xFFFF37ADA)
YUV	169.1230, 24.0964, 64.7901
Hunter-Lab	61.6215, 55.8128, -24.7846

Details

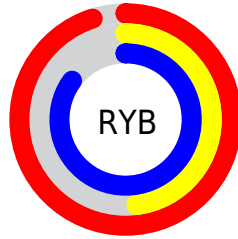
The CIELCh color **68, 64.819, 334.142** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87, 64.944, 146.238**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **48, 64.604, 333.970** is the 20% darker color. If you saturate the color by 10%, you get **64, 75.566, 334.909**, and if you desaturate by 10%, it is **73, 52.692, 333.409**.

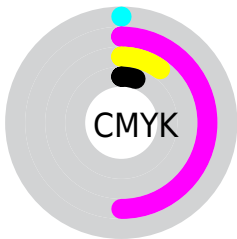
Distribution



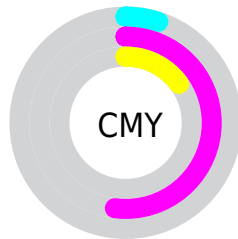
- Red (95%)
- Green (48%)
- Blue (85%)



- Red (95%)
- Yellow (48%)
- Blue (85%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (52%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 64.819, 334.142 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 64.819, 334.142 by changing the saturation by 10% instead.

 68, 64.819,
334.142

 68, 64.819,
334.142


 100, 64.819,
334.142


 58, 64.819,
334.142


 88, 64.819,
334.142

 48, 64.819,
334.142


 98, 64.819,
334.142

 38, 64.819,
334.142

 28, 64.819,
334.142

 18, 64.819,
334.142

 8, 64.819, 334.142

 0, 64.819, 334.142

68, 64.819,
334.142

68, 64.819,
334.142

64, 75.566,
334.909

73, 52.692,
333.409

60, 84.326,
335.724

78, 39.748,
332.703

58, 90.535,
336.613

84, 26.421,
332.019

56, 93.874,
337.615

90, 13.024,
331.350

55, 94.656,
338.758

96, 0.232, 152.301

99, 5.577, 159.337

55, 94.662,
338.780

99, 4.340, 185.628

99, 4.189, 199.298

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 64.819, 334.142



87, 64.944, 146.238

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 64.819, 334.142



68, 64.819, 24.142



68, 64.819, 154.142



68, 64.819, 204.142

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 64.816, 334.142



91, 20.767, 331.698



58, 68.799, 302.772



47, 14.182, 331.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 64.816, 334.142



67, 78.756, 334.935



66, 50.126, 2.730



48, 7.587, 331.328



42, 77.734, 338.567



10, 35.274, 336.926

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68, 64.816, 334.142



67, 78.756, 334.935



88, 43.131, 170.520



48, 7.587, 331.328



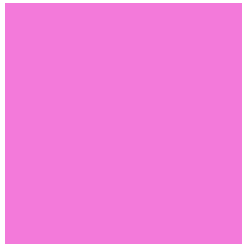
42, 77.734, 338.567



10, 35.274, 336.926

Previews

White Background



This preview shows how the CIELCh color 68, 64.819, 334.142 looks on a white background.

Color Contrast Check

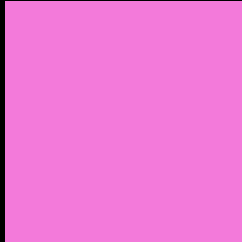
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 64.819, 334.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

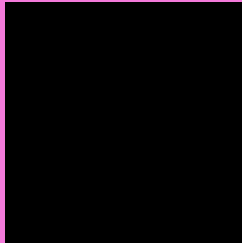
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 64.819, 334.142

Background



This preview shows how black text looks on a background with the CIELCh color 68, 64.819, 334.142.



This preview shows how white text looks on a background with the CIELCh color 68, 64.819, 334.142.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
68, 39.501, 15.852

Trichromacy



Original Color
68, 64.819, 334.142



Protanomaly
67, 50.632, 304.521



Deuteranomaly
67, 38.668, 314.827



Tritanomaly
68, 45.388, 355.550

Monochromacy



Original Color
68, 64.819, 334.142



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 25.197, 332.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 64.819, 334.142 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(243, 122, 218)` looks like.

```
.text, #text, p{  
    color:rgb(243, 122, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 122, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 122, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 64.819, 334.142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 122, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 122, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 122, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 122, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 122, 218);  
box-shadow:4px 4px 4px 4px rgb(243, 122,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 64.819, 334.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 122, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
122, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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